

# 01

**Height Safety  
Lifting  
Load Control  
Safety Management**

**SAVERLINE SVLRB-15  
3-WAY FALL ARREST  
AND RECOVERY SRL  
USER MANUAL**



## Saverline SVLRB-15

Thank you for purchasing this 3-Way Recovery Fall Arrester.

Please take time to familiarize yourself with the correct use and operation. It is imperative that this device is only used for its intended purpose and that it is subject to an annual recorded thorough examination by a competent person.

To avoid personal injury, prior to using this device or training others to use it, CAREFULLY READ and understand these instructions. If there is anything you do not understand, DO NOT use the device, contact the supplier or SpanSet UK for further details. Certain information in this manual is governed by law and is subject to change without prior notice.

Great care has been taken to ensure that the information is correct at the time of publication. However, it is the user's sole responsibility to ensure that they fully comply with all legal requirements. SpanSet UK will not accept liability for any inaccuracy or incorrectly stated legal requirements.

**Note:** Training should only be delivered by a suitably qualified and competent person.

Warning: In order to obtain optimum safety and performance please study and understand these instructions and receive adequate training by a trained and competent person before using this device. If in any doubt whatsoever about the safe use of this device seek the advice/supervision of a trained and competent person or contact the supplier.

Please retain this information for future reference. The 3-way recovery fall arrester is a component part of a fall arrest system and may be issued to anyone who needs to use it on a personal issue basis.

These User Instructions must be issued to the end user of this device who must maintain a record of the annual thorough examination on the inspection form provided.

## Product Conformance

This 3-way recovery fall arrester all conform to:

- BS EN360:2002 Personal protective equipment against falls from a height - retractable type fall arresters
- BS EN1496:2006 Class A and B - rescue lifting device.

### SVLRB-15

<b>Wire specification</b>	5mm 7x19 Galvanised Steel Wire to BS EN 12385:2002
<b>Line length</b>	15m
<b>Weight</b>	10.40kg

**Warning:** All work at height including the use of Personal Protective Equipment (PPE) as a control measure is subject to a suitable and sufficient risk assessment.

### System Requirements and Limitations of Use

This 3-way recovery fall arrester is intended for use as a fall arrest (fall arrest block) or recovery (rescue, recovery block) device and is not intended for use for work positioning.

This device is not intended for use for any other application other than the purpose for which it is designed.

**Warning:** This 3-way recovery fall arrester must not be used where the terrain and/or anchorage point is unstable (eg grain silos, shifting sand, powder, sludge, etc) as a slow descent will not activate the braking system.

### Maintenance

This 3-way recovery fall arrester has no user serviceable parts and must not be disassembled or adjusted except by the manufacturer or approved service agent. User maintenance is limited to pre-use inspection, cleaning, drying and storage as described in these User Instructions. When maintenance is required consult the supplier/ manufacturer. Do not tamper with or adjust any part of the device. The device must not be marked in any way.

### Temperature/Climatic Conditions

This 3-way recovery fall arrester may be used in normal climatic conditions within a temperature range of -30°C – +50°C; it is not intended for use outside these limits.

### Electrical Hazards

Due to the highly conductive nature of the materials used in the construction of this 3-way recovery fall arrester use extreme caution when working near unprotected high voltage sources.

### If in doubt, ask!

### Chemical Contamination

Avoid prolonged exposure to corrosive chemical agents. If contamination occurs refer to Cleaning and Disinfection.

### Sharp Edges, Abrasion, Cutting

Wire rope should not be allowed to pass over a sharp edge without an edge protection device in place. In the event of a fall arrest, the wire rope may be damaged.

## **General Operation**

The mechanism in this device is activated by centrifugal force acting on the brakes. This action is produced by the inertia of a fall rapidly spinning the internal drum which in turn causes the brakes to lock and arrest the fall. Slow reeling of the line will not activate the brake. If the brake locks due to a fall, the mechanism will reset if the load is removed. In a fall arrest situation the mechanism will limit the force acting on the body to less than 6kN.

## **Anchorage Point**

Select a stable anchorage point with a minimum strength of 15kN (eg I-beam, RSJ, eye bolt or tripod).

## **Pre-Use Inspection**

If the device is known to have arrested a fall it must be removed from service immediately and returned for inspection and servicing.

Before each use check:

- That the brake operates correctly
- That the block is securely anchored level with or above the user (NEVER below unless the cable is redirected through an overhead pulley)
- Avoid where possible anchoring the device in such a position that could result in a pendulum/swing fall (this may occur if the device is positioned at >30° from the vertical in relation to the user)
- Extend the wire rope fully (wearing suitable protective gloves) and inspect along its length for damage, such as broken wires,

frayed wires, soiling and/or corrosion, kinks and twists in the wire

- Inspect the swage for damage, cracks, etc.
- Check the connector(s) being used as per the user instructions supplied with the connector
- Check that the overload Indicator is not exposed (red line on karabiner)
- Check the device housing for signs of mechanical deformation, cracks, or chemical contamination and/or other defects

Retract the wire rope slowly, during retraction give the wire rope a sharp sudden tug in order to activate the braking mechanism.

This check should be carried out along the full length of the rope at approximately 20% increments. If the braking system is not activated or if any of the above criteria fail then the device must be removed from service.

In the event of any doubt consult a trained and competent person.

## **Rescue Planning**

The user(s) should anticipate and plan rescue and recovery activities before use as part of a planned risk assessment for each use event and in the event of a fall or other scenario where rescue and recovery may be required.

Speed of rescue and recovery must be considered as post fall injury can result if suspension time following a fall is prolonged.

## **In Use**

Avoid the risk of a 'pendulum/swing fall' injury by working wherever possible as close to and directly below the anchorage point.

Ensure there is sufficient clearance below and around the user so that in the event of a fall obstructions (such as the ground) may be safely avoided (3m + height of user).

If used on the horizontal or incline, ensure the hazard of a pendulum fall is considered and ensure sufficient fall distance is correctly calculated. If in doubt contact the manufacturer.

This 3-way recovery fall arrester is of sturdy construction and uses galvanized steel wire rope; however, all items of PPE should be handled with care and not dropped. When in use, care should be taken to avoid damage, which may be caused by items coming into contact with the device and the fall arrest system.

This device is designed to protect ONE person. Only ONE person may be connected to this fall arrest block at any time.

Attach the 3-way recovery fall arrester line connector to the D ring on the users harness, either front sternum or rear dorsal for fall arrest or extended over-head attachment point for rescue and recovery operations.

Although this device will function horizontally extreme caution must be practiced when using the device at more than 30° from vertical (see above).

The wire rope must be paid back into the device slowly. The wire must not be allowed to feed back into the device in an uncontrolled manner. Uncontrolled reeling may result in lock up. In the event of the lockup consult the supplier or manufacturer for advice.

## **Recovery**

- Release the winding handle docking mechanism
- Pull out the winding handle locking pin
- Turn the winding handle anticlockwise while pushing down on the handle shaft in order to engage the winding gear
- Release the locking pin and ensure that the winding handle is locked in gear.

The person can now be raised or lowered by winding the handle clockwise or anticlockwise.

There should be direct or indirect visual contact or some other means of communication with the person at all times during the process.

The lifting/lowering function may be used for lifting/lowering loads up to 150kg.

The lifting facility should only be used if an unhindered lifting process is possible and that it shall not be used if obstacles present as hazard.

## **Cleaning, Drying, Storage and Transportation**

The casing and wire should be cleaned using water of domestic supply quality at <40°C.

A mild, neutral pH soap/disinfectant may be used in the event of extreme soiling, or if the device has been exposed to hazardous environments (eg drains, biohazards, etc).

This device should be stored in a cool, dry, clean, chemically neutral environment away from sources of heat and exposure to UV light.

Care should be taken during transportation in order to avoid hazards that may result in damage to the device or injury to person(s).

## **Lifespan**

This 3-way recovery fall arrester should be subject to a thorough examination at least once a year by a trained and competent person. In the event of an arrested fall the device should be immediately removed from service and returned to the supplier/manufacturer for service.

If it is regularly serviced, correctly stored and not subject to extreme environments or working conditions then the manufacturer recommends a 10 year life from date of first use.

In the event of any doubt whatsoever please seek the advice of a trained and competent person or the supplier.

**Warning:** This device must be used by persons who are medically fit to do so. If you have any medical condition, are recovering from any medical condition or suffer from any physical or mental disability you must seek professional medical advice before using this fall arrest block.

## **Product Details**

This manual must be retained by the user. The product code, serial number and date of manufacture of this device should be entered on the back page of this manual for future reference and inspection records.

**Note:** The device serial number is laser etched into the block swivel connector.

### **3-Way Fall Arrest and Recovery SRL Service Log**

<b>Model</b>	<b>Serial No.</b>	<b>Date Entered Service</b>
Date of Recertification	Organisation	Date of Next Recertification
Name	Signature	Results/Comments
Date of Recertification	Organisation	Date of Next Recertification
Name	Signature	Results/Comments
Date of Recertification	Organisation	Date of Next Recertification
Name	Signature	Results/Comments
Date of Recertification	Organisation	Date of Next Recertification
Name	Signature	Results/Comments
Date of Recertification	Organisation	Date of Next Recertification
Name	Signature	Results/Comments
Date of Recertification	Organisation	Date of Next Recertification
Name	Signature	Results/Comments
Date of Recertification	Organisation	Date of Next Recertification
Name	Signature	Results/Comments
Date of Recertification	Organisation	Date of Next Recertification
Name	Signature	Results/Comments



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## Annual Inspection & Testing Service

European Standards dictate that all items of PPE for work at height and all safety systems undergo a periodic examination by a competent person. In addition, in the UK, "BS 8437:2005 Code of practice for selection, use and maintenance of personal fall protection systems and equipment for use in the workplace." Section 13.1.2 –States "Formal inspection procedures should be put in place by employers to ensure that personal fall protection equipment is given a detailed inspection ("thorough examination") by a competent

person before first use and at intervals not exceeding 6 months (or 3 months where the equipment is used in arduous conditions), and after circumstances liable to jeopardise safety have occurred.

SpanSet can perform the thorough inspections required by legislation and/or equipment manufacturers. We can also provide training for Competent Persons and therefore the combination of your staff and our services can increase the safety and ensure compliance.